

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 G06F17/60

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 G06F H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC, COMPENDEX

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

| Category ° | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No.   |
|------------|---|-------------------------|
| X          | WO 01/06433 A (WALDRON CHRISTINA B ;<br>WEINTRAUB MICHAEL D (US); NAT DATA CORP<br>(US); HI) 25 January 2001 (2001-01-25)<br>page 1, line 20 - line 25<br>page 2, line 2 - line 19<br>page 6, line 8 - line 11<br>page 7, line 14 - line 16<br>page 10, line 9 - line 15<br>page 12, line 13 - line 30<br>page 14, line 3 - line 25<br>page 16, line 12 - page 17, line 6<br>page 17, line 3 - line 6 | 1-4,<br>14-17,<br>27,28 |
| Y          | -----<br>-----  | 5-13,<br>18-26          |

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search

20 January 2005

Date of mailing of the international search report

03/02/2005

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No.   |
|----------|--|-------------------------|
| X        | US 2002/042846 A1 (OBRADOR GABRIEL DARIO ET AL) 11 April 2002 (2002-04-11)<br><br>paragraphs '0008!, '0009!<br>paragraphs '0010! ~ '0012!<br>paragraph '0020!<br>paragraphs '0106!, '0107!<br>paragraphs '0158!, '0159!<br>-----     | 1-4,<br>14-17,<br>27,28 |
| Y        | US 5 535 120 A (CHONG LEIGHTON K ET AL) 9 July 1996 (1996-07-09)<br>column 4, line 17 ~ line 30<br>column 6, line 33 ~ line 47<br>column 8, line 28 ~ line 55<br>column 10, line 1 ~ line 8<br>column 12, line 45 ~ line 52<br>----- | 5-10,<br>18-23          |
| Y        | US 6 272 482 B1 (EHNEBUSKE DAVID LARS ET AL) 7 August 2001 (2001-08-07)<br>column 1, line 37 ~ line 52<br>column 4, line 24 ~ column 5, line 15<br>-----   | 11-13,<br>24-26         |
| A        | US 2003/146926 A1 (VALDES WESLEY) 7 August 2003 (2003-08-07)<br>paragraph '0035! ~ paragraph '0038!<br>paragraph '0054!<br>figures 1,4<br>-----  | 5-7,<br>18-20           |
| A        | US 2003/158848 A1 (FINNEY RANDOLPH L) 21 August 2003 (2003-08-21)<br>paragraphs '0005!, '0008!<br>paragraph '0020!<br>-----  | 11-13,<br>24-26         |

## INTERNATIONAL SEARCH REPORT

PCT/GB2004/004282

| Patent document cited in search report |    | Publication date |  | Patent family member(s)   |  | Publication date   |
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| US 2003158848                          | A1 | 21-08-2003       | WO   | 03071445 A1   |  | 28-08-2003   |